

Claims

1. A building door (1), that can move, made up of
5 several panels (5) guided along at least one
curvilinear guide rail (4) in such a way that these
panels remain at least approximately parallel to the
rail and articulated to one another about axes of
10 pivoting (10) parallel to their longitudinal edges by
virtue of pivot elements (9), characterized in that the
panels (5) are equipped at their longitudinal edges
with complementary male and female anti-trapping
profiles, in that the axes (10) of pivoting of the
15 pivot elements (9) are at least approximately coplanar
with the interior walls (6) of the panels (5) which
they articulate, and in that the pivot elements (9) are
connected to the transverse edges of the panels (5).

2. The door (1) as claimed in claim 1, characterized
20 in that guide devices (12, 18, 19) intended to
collaborate with the curvilinear guide rail or rails
(4) are in a pivot connection with the pivot elements
in such a way that, in the rectilinear portions of the
rails, the rails (5) are at least approximately located
25 within the thickness of the panels.

3. The door (1) as claimed in one of the preceding
claims, characterized in that the pivot elements (9)
comprise a first part (9a) known as the male part
30 secured to a transverse edge first panel (5),
exhibiting a shaft (15) the axis of which defines the
axis of pivoting (10) and a second part (9b) known as a
female part, secured to the transverse edge of a second
panel (5) exhibiting a drilling (16) that takes the
35 shaft (15).

4. The door (1) as claimed in one of the preceding
claims, characterized in that the male (9a) and female

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(9b) parts of pivot elements (10) connected to one and the same panel edge form a single piece.

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